



AXON Flex is the leader in On-Officer Point of View Camera systems. The AXON Flex has been used in many different situation and scenarios





The AXON Flex camera houses the camera, data storage, and microphone. Data is encrypted and stored on a 8 gigabyte SD card.

Built as close to the human eye as possible. (Wanting to represent the perception of officers)



AXØN flex

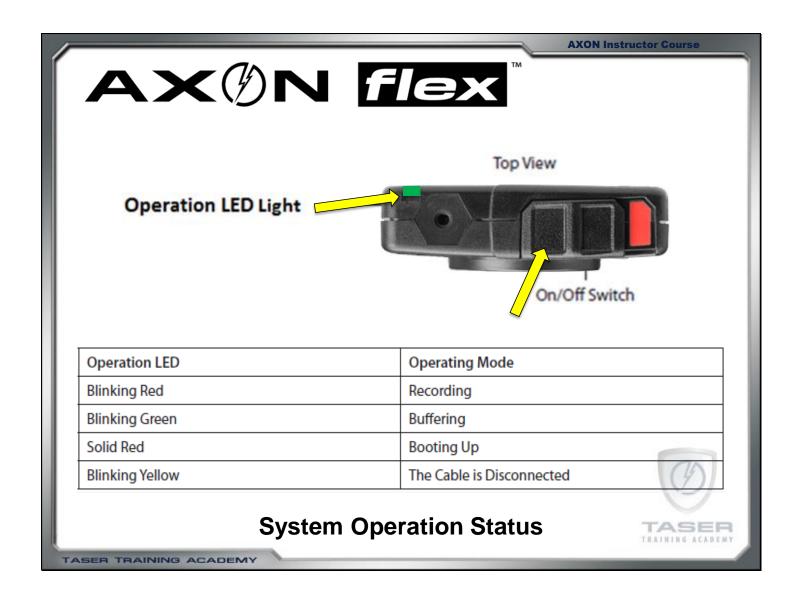


- The Controller is the power source for the AXON Flex system
- Videos are started and stopped from the Controller
- It is designed to provide 12+ hours in buffering mode when fully charged

Axon Controller







Notice the Operation LED Light at the top of the Controller. Notice on the graph four different colors of the LED light and the definitions of each light.



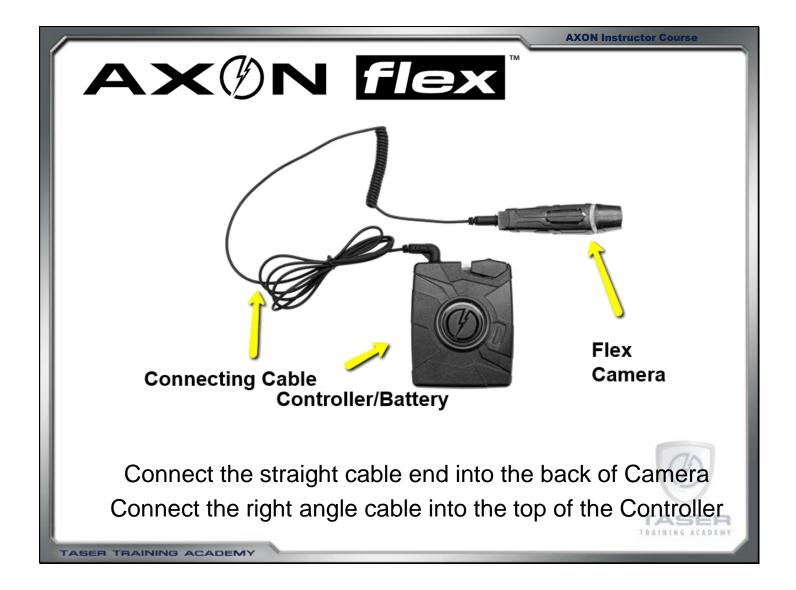
There are two ways to change the quality of the camera (Admin only):

- Evidence.Com
 - Select the "Settings" tab and look in the "Configuration Setting" subfolder under "TASER video settings"
- Evidence SYNC
 - In the "Device Settings" tab

Highest Quality	4 hrs.
Medium Quality	8 hrs.
Lowest Quality	12 hrs.

Recording Quality/Time













 The Wire Management Clip holds the wire in place

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 Not using the clip may cause a disconnect which will prevent the camera from recording or stop videos that are actively recording





Oakley Glasses: The AXON Flex camera can be attached to Oakley Flak Jacket® glasses. With this system, the camera is designed to directly capture your point of view because it is mounted at eye level.

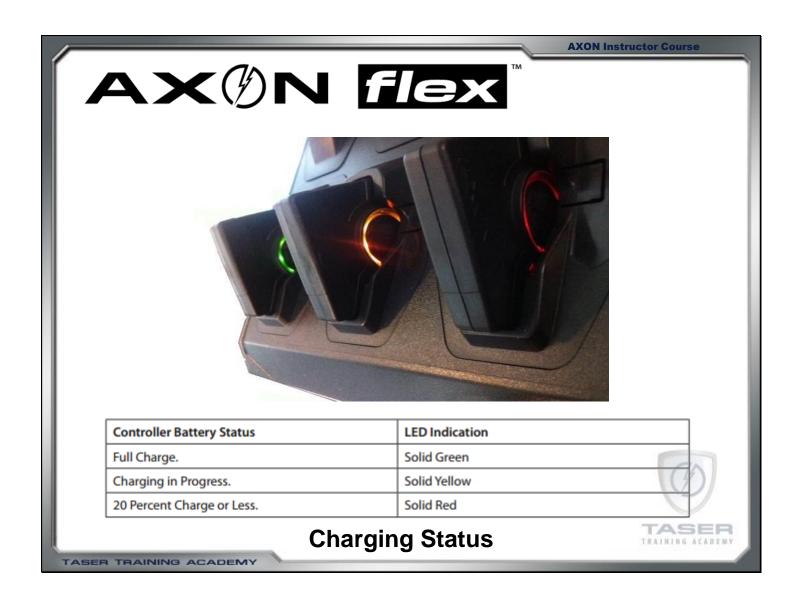
Collar Mount: This mount consists of an inside magnetic clip combined with a metal band designed to wrap underneath the collar, towards the back of the neck to offer more support for the shirt collar.

Epaulette Mount: Designed for uniforms and shirts that have an epaulette.



There are two ways to charge your devices:

- 1- ETM device which not only uploads the data to EVIDENCE.com but also charges the devices
- 2- The AXON Flex system also comes with a sync cable and wall mount USB charger. Both AXON Flex camera and Controller can be charged using sync cable and USB wall mount charger



Notice the Battery LED and the definitions of each light.

Green – Fully Charged Yellow – 20 -40 % Red – Less than 20%

If the Battery LED is giving a blinking Red and Yellow, the battery has been completely depleted and needs a full recharge.



AXON Flex Controller



- Charges in 4 6 hrs. from a completely depleted level
- Can be charged using the Sync/charging cable

AXON Flex Camera



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- Small internal battery that requires charging to maintain the time stamp function
- Charges within 15 minutes

Battery Charging

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AXON Flex Controller – Depending on how it's charging could affect the charge rate. For example, recharge time is a lot longer if charging off of a computer USB port rather than a wall mount or ETM.

AXON Flex camera – Will charge within 15 – 20 minutes depending on the type charging as well.



The Event button is located on the front and center of the Controller.



AXØN body

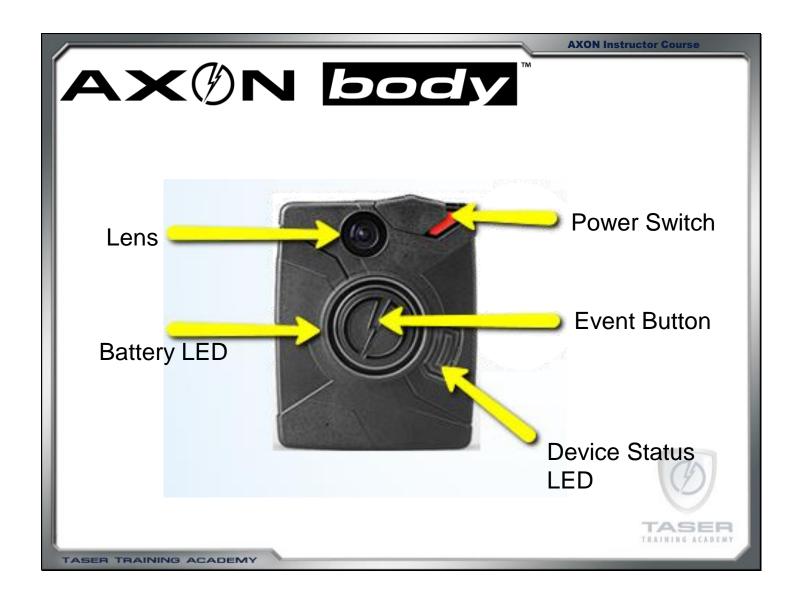


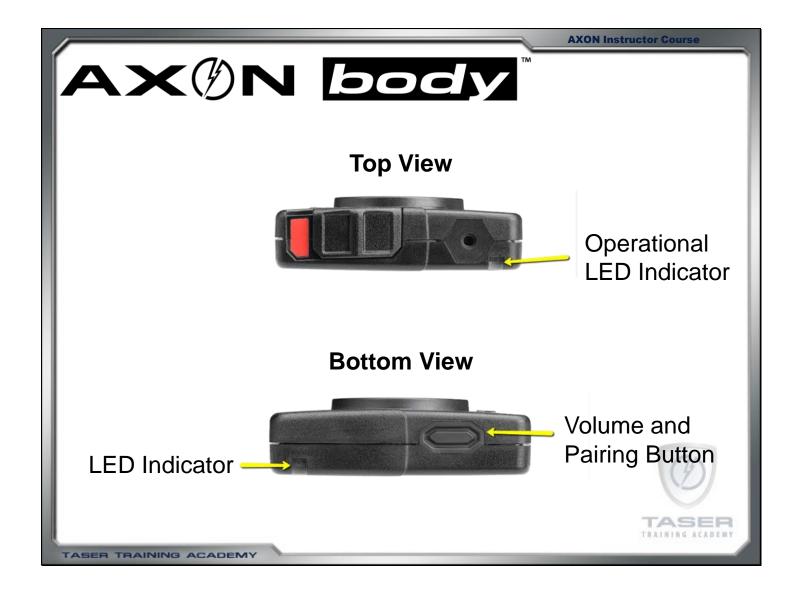
 The AXON Body is a One-Piece On-Officer Audio/Video Recording Device.

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 The Lens has a 130 Degree Field of View







AXØN body



- To Start Recording:

 Double tap the Event
 Button. (There will be a visual and audible notification)
- To Stop Recording:
 Press and Hold Event
 Button for 5 Full
 Seconds. (There will a visual and audible notification)

Operation

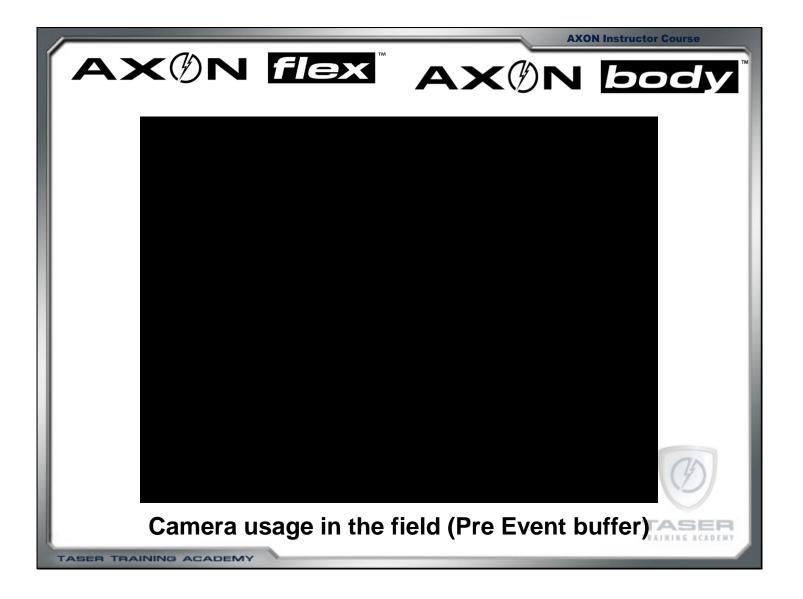




When you leave the station, your camera should be in the on position. That way when you contact someone you just double tap the Event button and the video will have the 30 second pre-event buffer with no audio. Just like MVR, the audio won't start until the record function is engaged, but it shows what the user and the subject are doing just before contact. This prevents you from having to wait for the camera to boot up before you can start a recording if you are out in the field with the camera in the off position. As per General Orders, when driving Code 3 or responding to level 1 and 2 calls your camera should be recording while enroute.



Camera usage in the field





Our application supports both Android and IOS based phones.

AX®N MOBILE AX®N FEXT

- Step 1: Download the AXON Mobile App (DO NOT USE A PERSONAL DEVICE)
- Step 2: Verify that the software installed properly on your Bluetooth device (phone).
- Step 3: Open the Settings menu. Turn on your Bluetooth option.
- Step 4: Make sure the AXON Flex is connected properly. Make sure the Controller is in "OFF" mode.
- Step 5: Press and Hold the Volume/Pairing button first. While holding the Volume Pairing button, turn the Controller on. Remember to keep holding the Volume/ Pairing Button up to 15 seconds.
- Step 6: Once the AXON Flex camera starts to blink GREEN, the system is now in pairing mode.



- Step 7: Now return back to smartphone and search for new devices. The AXON Flex unit should be listed by the four digits on the device.
- Step 8: Select the AXON Flex you wish to connect, CONFIRM paired device.
- Step 9: Confirm the pairing was successful by checking the Live Preview on the AXON Mobile App.

Pairing your AXON Flex to a Smart Device

- Step 1: The AXON Mobil App can be download from the Google Play Store (Android Market) or the Apple App store. Both versions are free.
- Step 2: Verify by opening the App, you will be asked to pair an AXON Flex.
- Step 3: Turn on Bluetooth option on your device (phone).
- Step 4: Connect the AXON Flex camera and Controller, but do not turn the system on.
- Step 5: While hold the Pairing button, turn on the Controller.

AX®N MOBILE AX®N BOOM

- Step 1: Download the AXON Mobile App (DO NOT USE A PERSONAL DEVICE)
- Step 2: Verify that the software installed properly on your Bluetooth device (phone).
- Step 3: Open the Settings menu. Turn on your Bluetooth option.
- Step 4: Make sure the AXON Body is in "OFF" mode.
- Step 5: Press and Hold the Volume/Pairing button first. While holding the Volume Pairing button, turn the
- AXON Body on. Remember to keep holding the Volume/ Pairing Button up to 15 seconds.
- Step 6: Once the AXON Body camera starts to blink GREEN, the system is now in pairing mode.

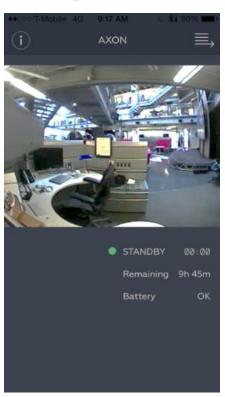


- Step 7: Now return back to smartphone and search for new devices. The AXON Body unit should be listed by the four digits on the device.
- Step 8: Select the AXON Body you wish to connect, CONFIRM paired device.
- Step 9: Confirm the pairing was successful by checking the Live Preview on the AXON Mobile App.

Pairing your AXON Body to a Smart Device ASE

- Step 1: Download the AXON Mobile App
- Step 2: Verify that the software installed properly on your Bluetooth device (phone).
- Step 3: Open the Settings menu. Turn on your Bluetooth option.
- Step 4: Make sure the AXON Body is in "OFF" mode.
- Step 5: Press and Hold the Volume/Pairing button first. While holding the Volume Pairing button, turn the AXON Body on. Remember to keep holding the Volume/ Pairing Button up to 15 seconds.

AX®N MOBILE



- Live Preview will allow you to remotely view over Bluetooth streaming directly from the Axon camera
- There is only five frames per second when streaming to a mobile device over Bluetooth



Live Preview

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- While videos are still on the Axon camera they can be viewed before upload
- The video playback on a mobile device, like the live preview function, is also only five frames per second when streaming over Bluetooth

Video Playback

AX®N MOBILE®



- To label the videos before they are uploaded, select the video from the list
- Once selected, there will be options in which the Title, ID, and Category* can be changed
- Case numbers shall be labeled in the ID field

Labeling Videos



AXØN MOBILE



- Taser Axon body worn cameras currently used by the Tucson Police Department do not cause RFI errors on INTOX 8000
- The Moto G mobile device issued with the cameras may cause an RFI the same as any other cellphone

RFI on the INTOX 8000

These are three options to upload digital data to EVIDENCE.com services.

Evidence.com Dock



 Timestamp synchronization occurs when a camera is connected to evidence.com via a dock C11 Sergeants Office - 2 six bay docks (four open bays for Motors)

C12 Briefing - 2 six bay docks (four open bays for Motors)

C12 Motor Office – 2 six bay docks (all bays are for Motors)

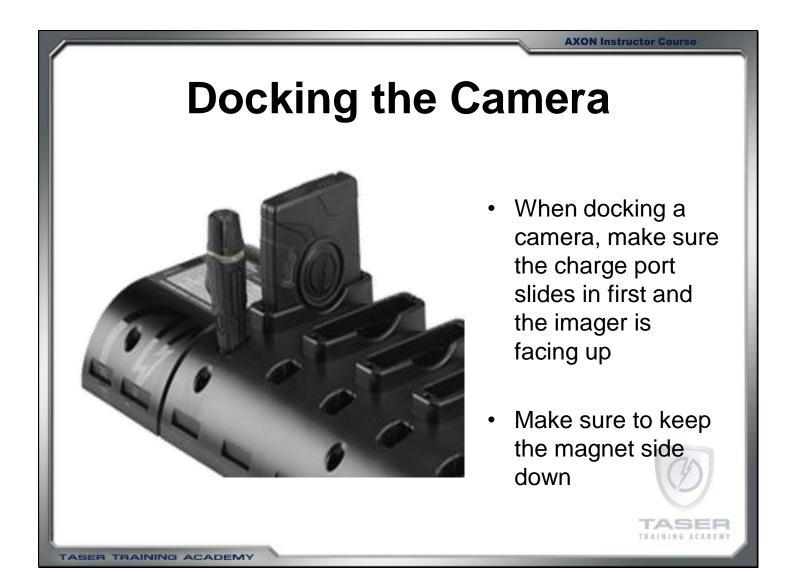
C13 Debrief - 2 six bay docks (four open bays for Motors)

C14 Laptop Room - 2 six bay docks (four open bays for Motors)

C15 Debrief - 1 six bay docks (all bays are for Motors)

C15 Bikes/Walking - 2 six bay docks (all bays are for Bikes/Walking)

7575 E Speedway -2 six bay docks (all bays are for Motors)



This is very important so that you do not damage you AXON Flex camera. Please plug in the Camera and Controller with the connecting cable ports facing toward the ETM. The Camera lens should be facing out of the ETM when uploading. When the camera is plugged in, it will: upload videos to the EVIDENCE.com account the camera registered to, charge the camera, and update firmware.

Docking the Camera







Camera Action	Camera LED Indication
Device Ready (All Videos Uploaded Successfully to Evidence.com) and Fully Charged.	Solid Green
In Queue Awaiting Upload.	Solid Yellow
Initial Connection (Momentary).	Solid Red
ETM has No Communication with Camera.	LED Off
Uploading Data.	Blinking Yellow
Firmware Update/Internal Battery Charging/ Memory Full.	Blinking Red and Yellow DO NOT Remove the Camera from the ETM.
ETM or Network Error.	Blinking Red, Yellow, and then Green
Device Is Not Assigned	Flashing Red



TADER

Docking the Controller



 When docking the Controller, it will give you a status light to show the level of charge

Controller Battery Status	LED Indication	
Full Charge.	Solid Green	GO
Charging in Progress.	Solid Yellow	
20 Percent Charge or Less.	Solid Red	TASE
		TRAINING ACADE

CAD Interface Automated Video Labeling

The evidence.com interface uses the data from your unit history in the Computer Aided Dispatch (CAD) system. You must be checked out on an Event within three minutes of the start of your recording and you have to stop recording within three minutes after you are cleared from the Event. Any videos recorded inside the -3/+3 minute window should be matched, so you do not have to start and stop recordings exclusively based on the Event time beginning and end. This rule also applies to when you are not checked out on an Event and record video. Since there is no Event times to cross reference, there is nothing for the interface to do with it. It is perfectly acceptable to record videos while not on an Event, just understand that you will have to manually label these videos.

CAD Interface Automated Video Labeling

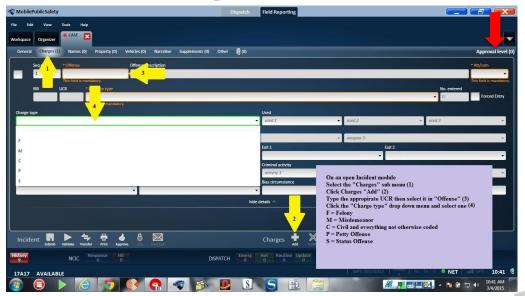
When the interface matches the CAD data from your unit history Events to the timestamps of the videos you recorded in evidence.com, it labels the videos with the appropriate data in the ID field. If the Event did not result in a Case (no case number was assigned to the Event), the CAD data is sent to evidence.com and it labels the ID field with the Event number. If there was a Case number assigned, the system waits for the Records Management System (RMS) data as it cannot overwrite an Event number with a Case number at a later date. An exception to this process is an S-Sam clearance. The interface is set so that when a Case number is assigned and the call is cleared S-Sam, the Case number is sent to evidence.com the same as it would if it was an Event number. It will label the ID field without waiting for RMS data because there will be no Case report written.

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CAD Interface Automated Video Labeling

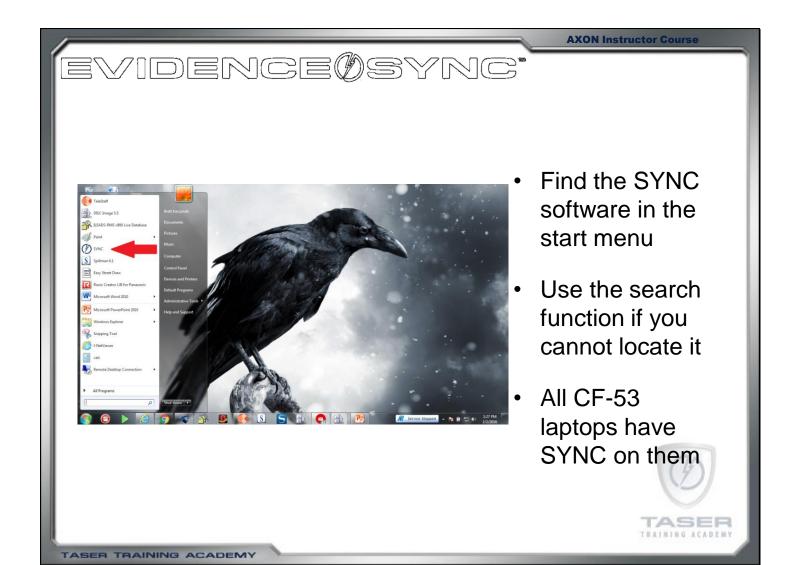
Each morning at 0600hrs we (the automated system) send the previous five days of CAD/RMS data to evidence.com through the interface and it is usually completed processing by 0930hrs. This means that all videos that were uploaded for cleared Events before that time should be touched by the system and have the Event number added into the ID field. All videos that do not have a data match between CAD and evidence.com, or the video is waiting for RMS data, it will be in the "Unmatched" Category. IF YOU DO NOT UPLOAD YOUR VIDEOS WITHIN FOUR(+) DAYS OF RECORDING THEM, OR YOU DO NOT HAVE YOUR CASE REPORT APPROVED TO LEVEL 2 WITHIN FOUR(+) DAYS OF THE INCIDENT OCCURRING. THE INTERFACE WILL NOT TAG YOUR VIDEOS. EVER. YOU WILL NEED TO LABEL THEM MANUALLY. Per General Orders, all videos must have the ID field labeled with the Case number when one is assigned. TASER

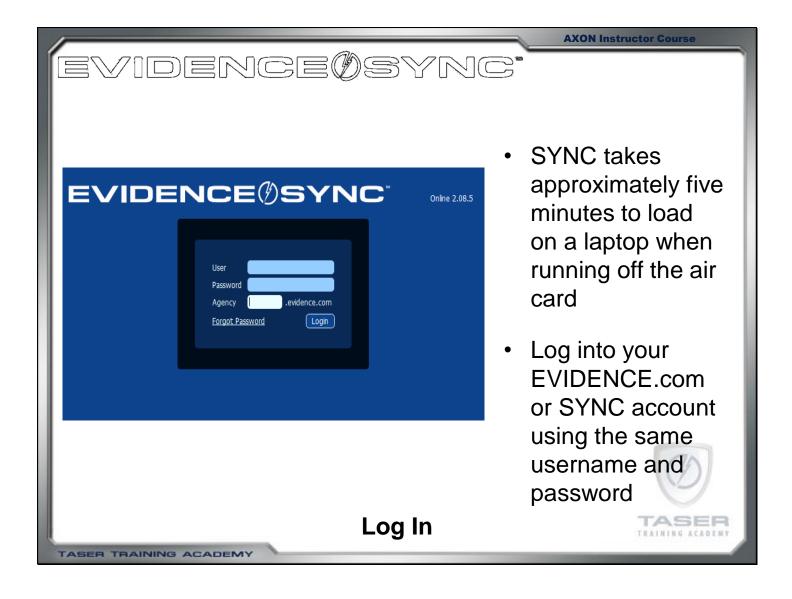
RMS Interface / Automated Categorization

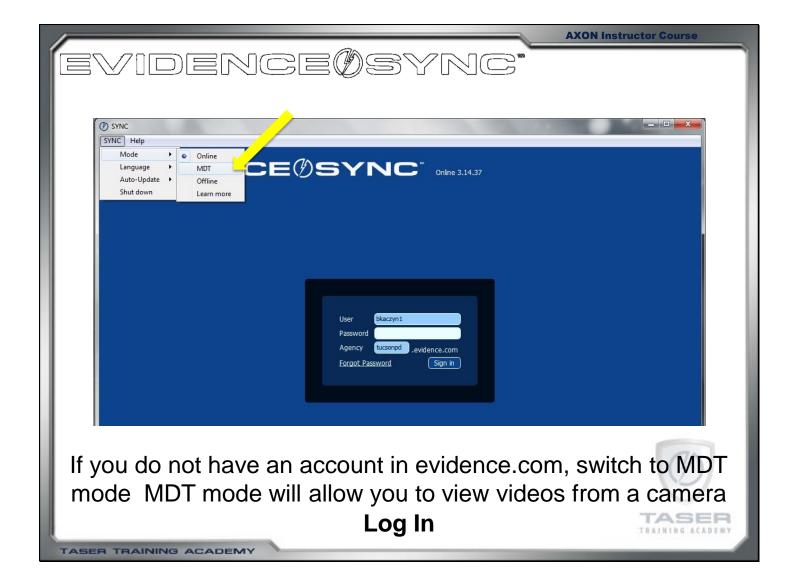


If a report reaches Approval level 2 within four(+) days of the Event creation, the interface will send the RMS data

The Categories are tied to the Charge type in Intergraph







EVIDENCE (SYNC)



- Connect the SYNC/Charging Cable into the back of the camera
- Connect the USB end into the USB port of your computer after SYNC has loaded

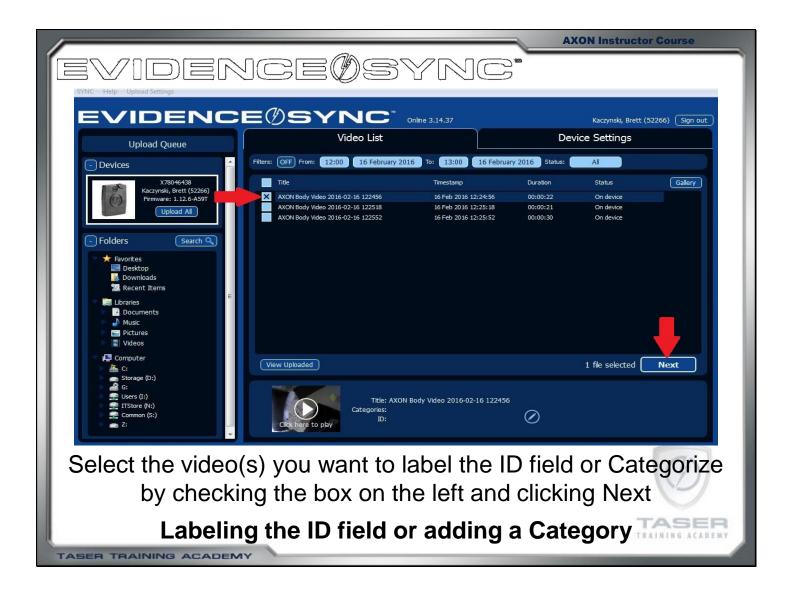
Connecting Camera to your Computer

TASER

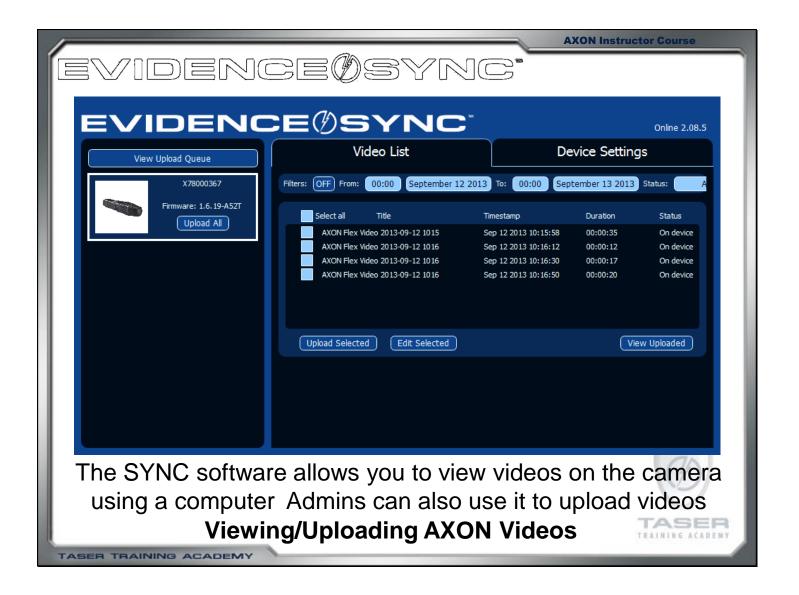


EVIDENCE Sync is software created by TASER International Inc.

Once the AXON Flex camera is connected, click on the "DEVICE VIDEOS" tab. There will be an option to upload all videos to the EVIDENCE.com services.

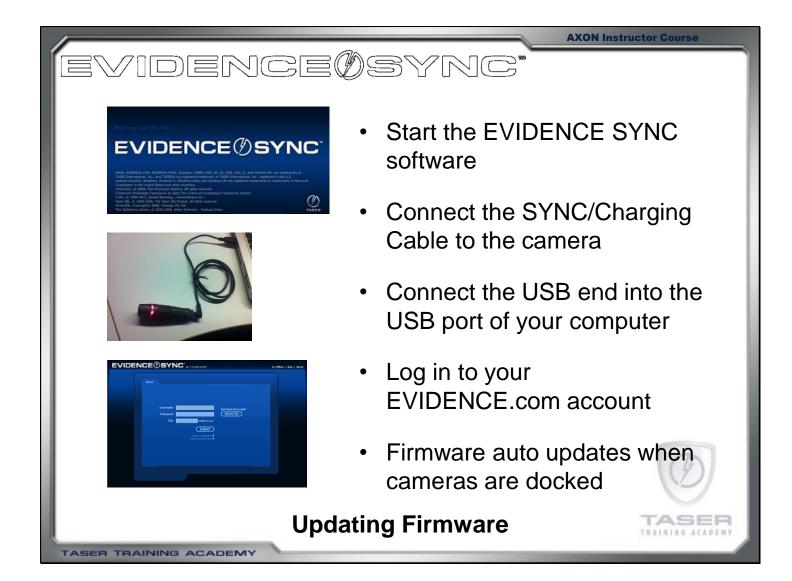








To preview videos off of the AXON Flex camera, simply click on the "PREVIEW" tab. This will open a new window that will allow you to preview specific videos.

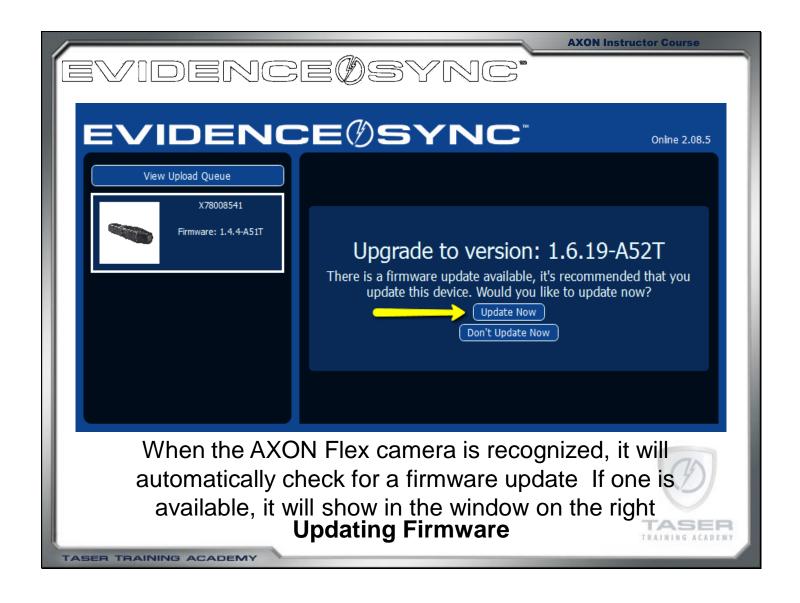


Updating firmware on your AXON Flex system:

Step 1: Open the EVIDENCE Sync software

Step 2: Connect the Sync Cable to the camera and then into the USB port on your computer

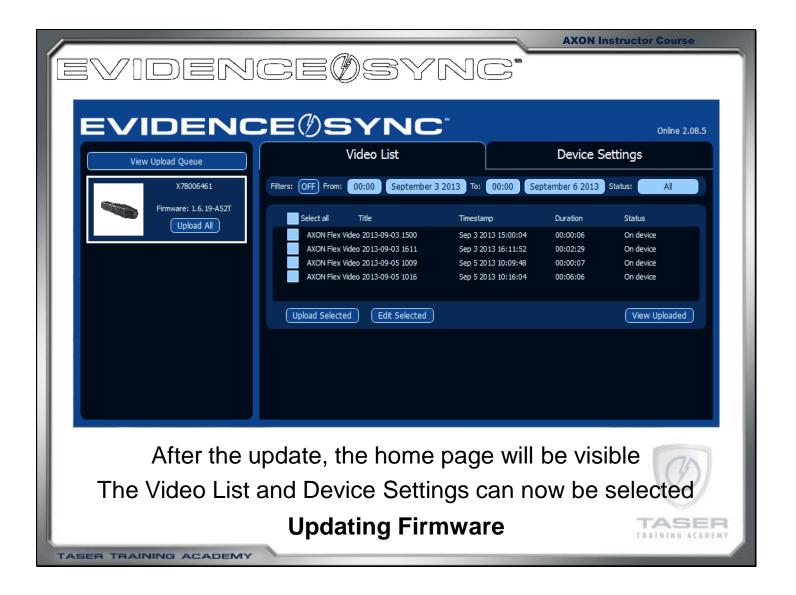
Step 3: Log in to your EVIDENCE.com account

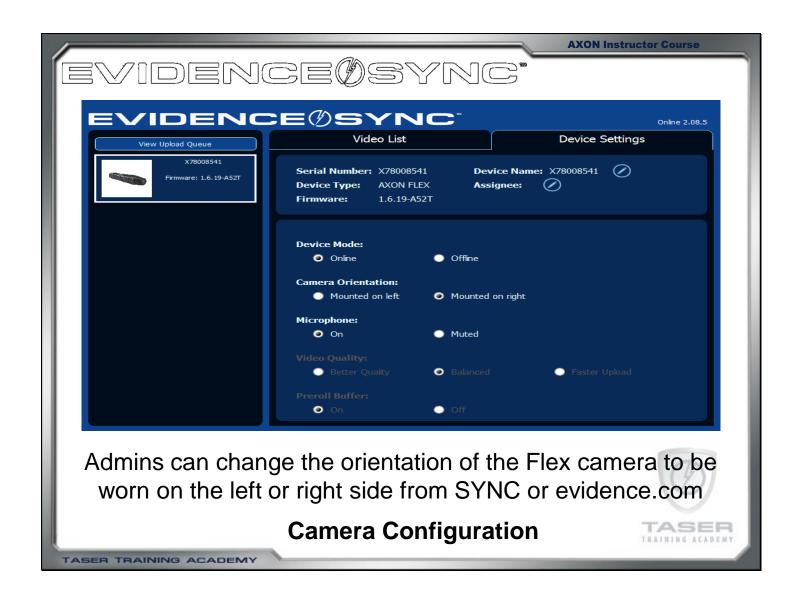


If there is an update available it will show in the in yellow letters

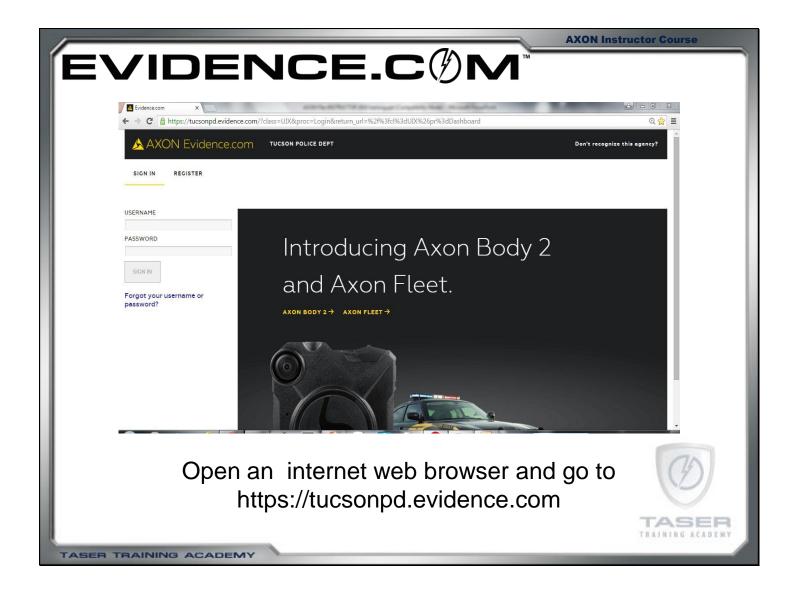


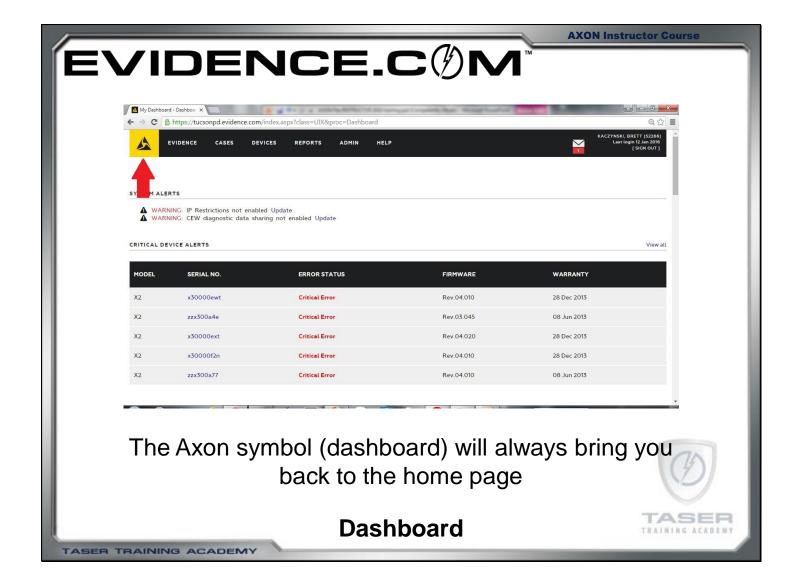
The firmware update process should not be interrupted

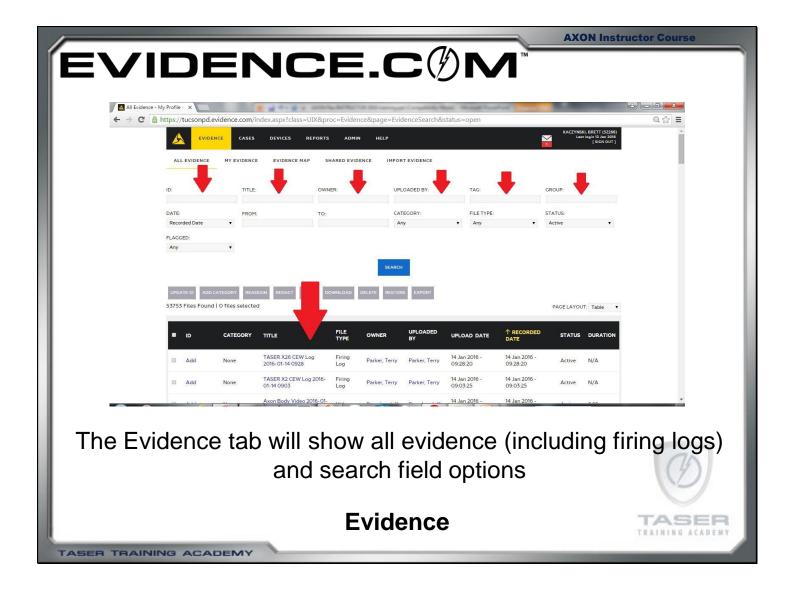


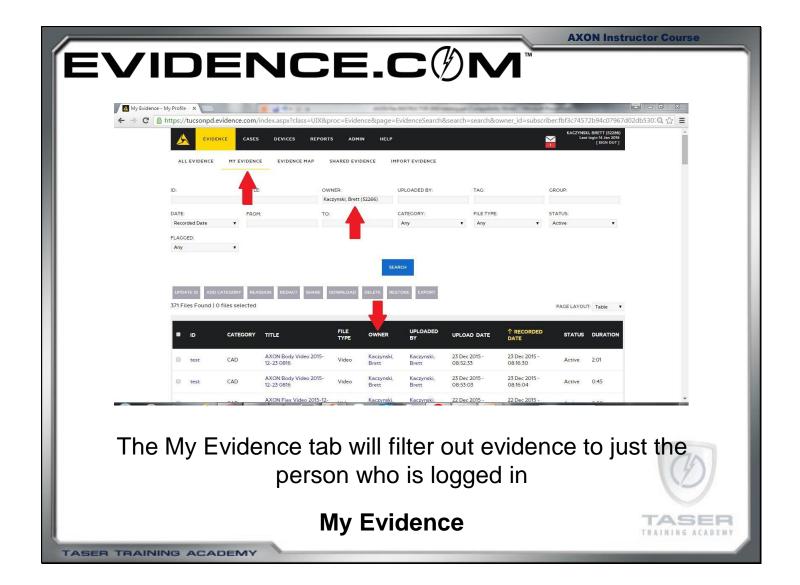


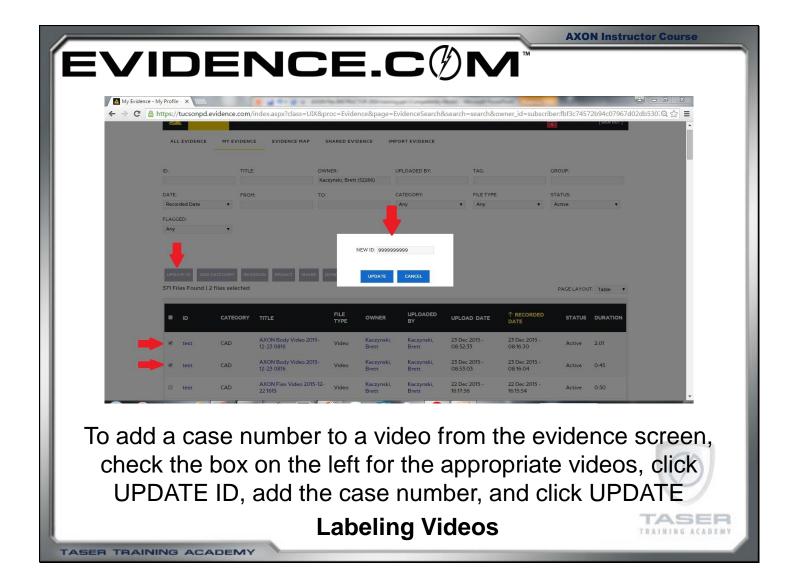
The DEVICE SETTINGS tab on the left of the screen will allow you to adjust the: Video quality, Microphone Capabilities, Orientation of the Flex, and Mode of usage.

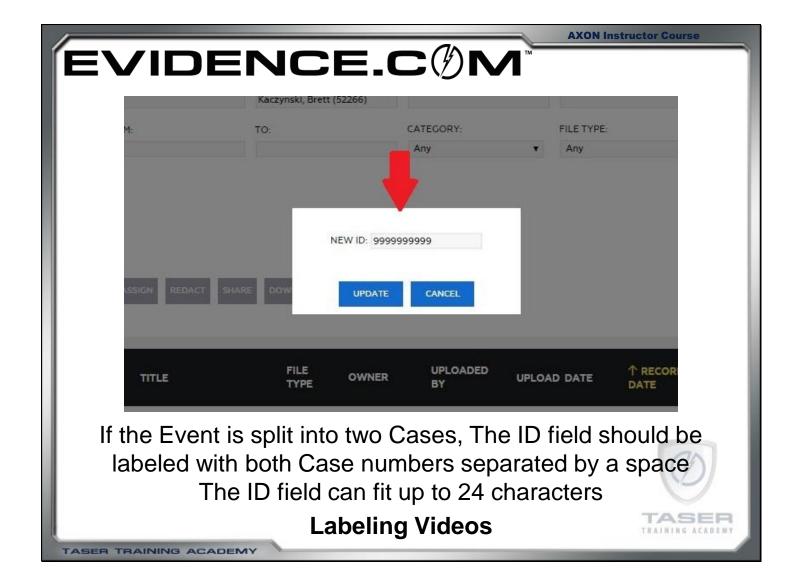


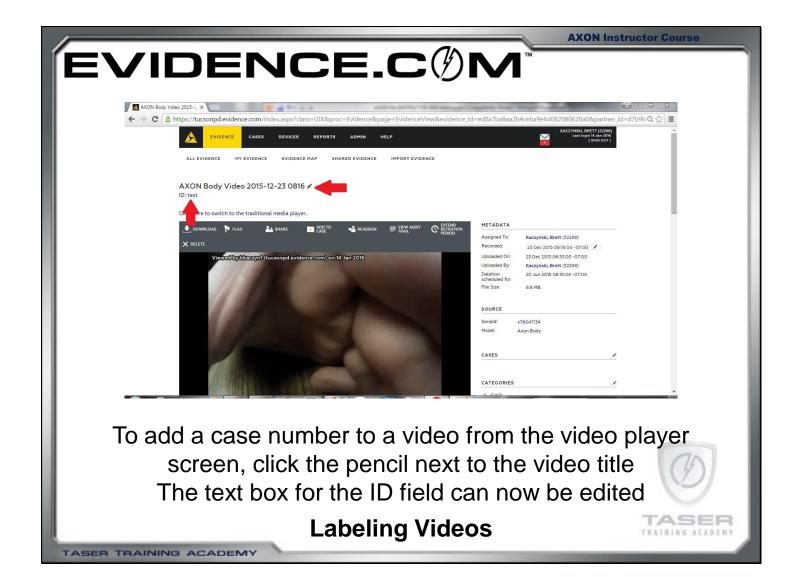


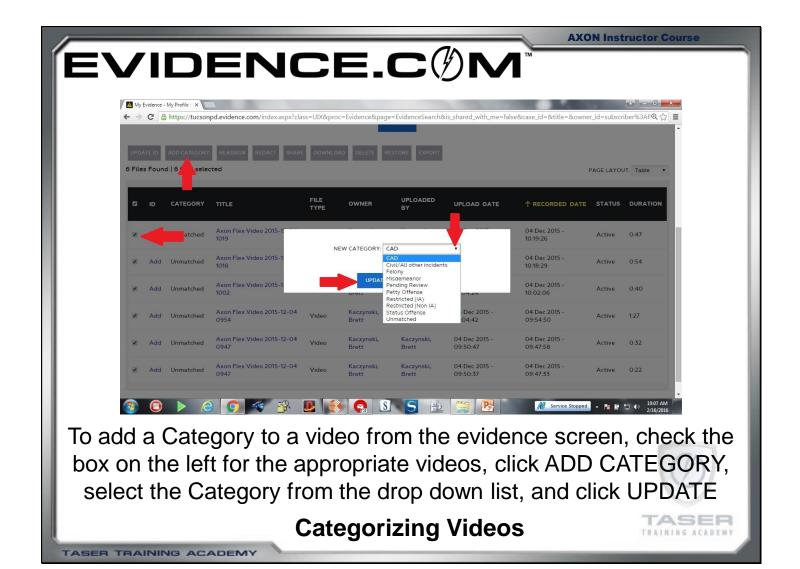


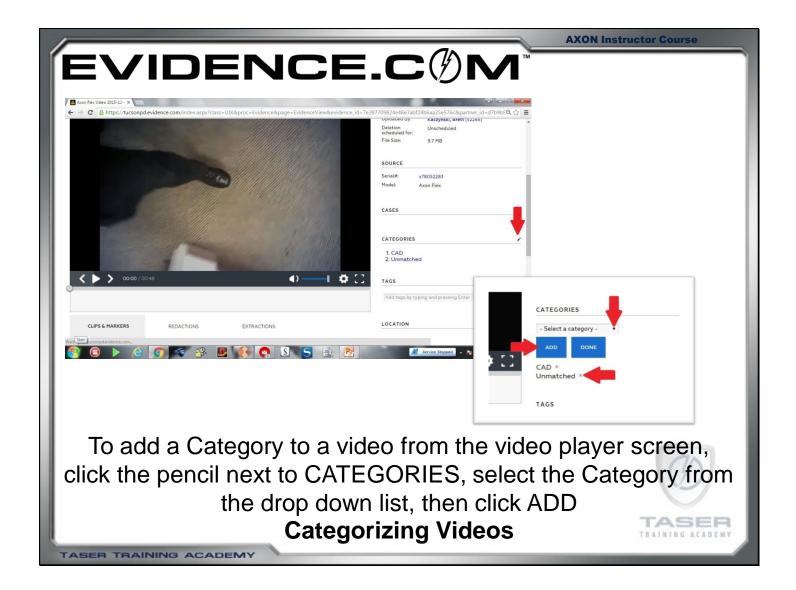


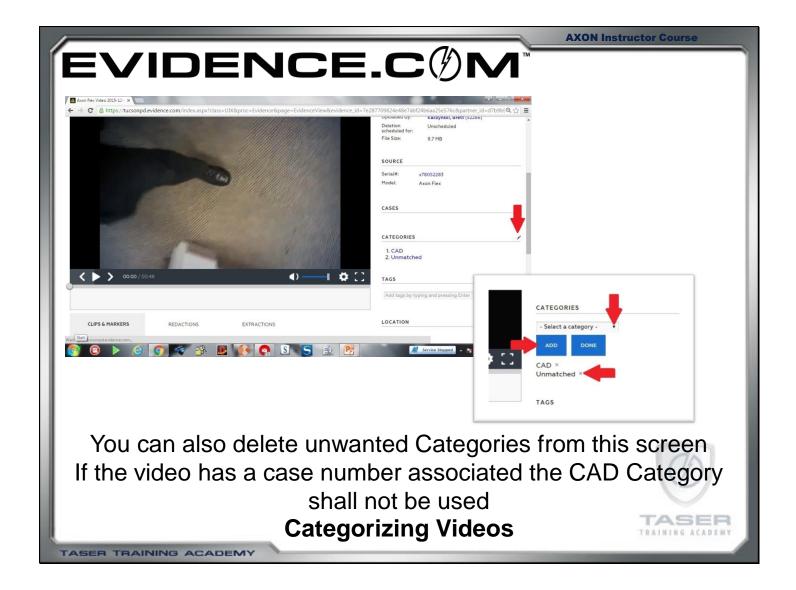


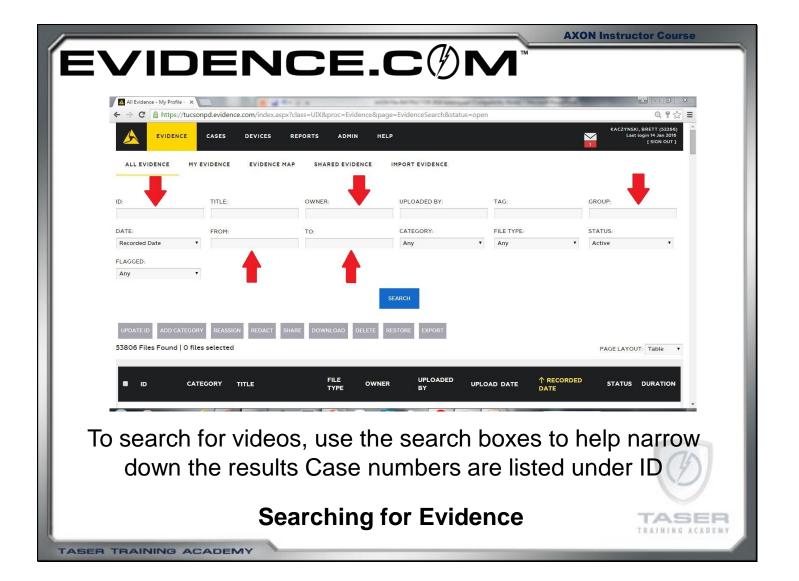


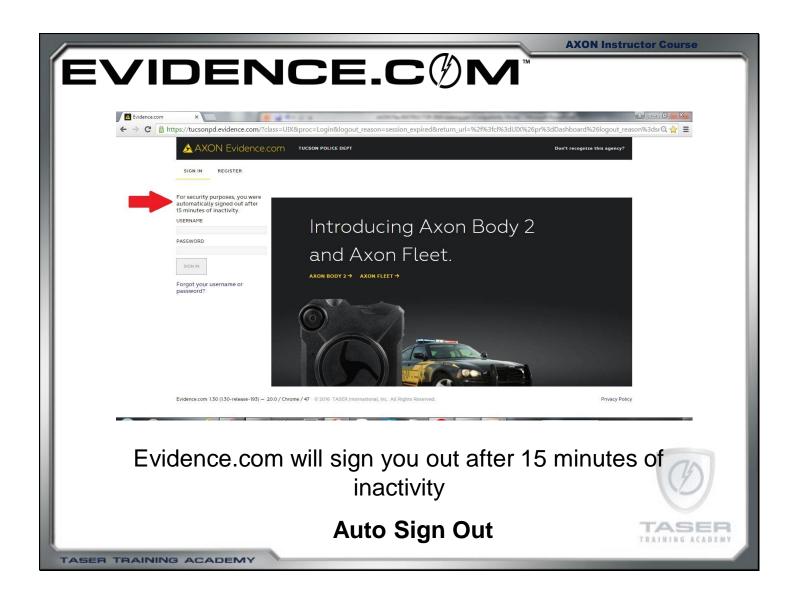








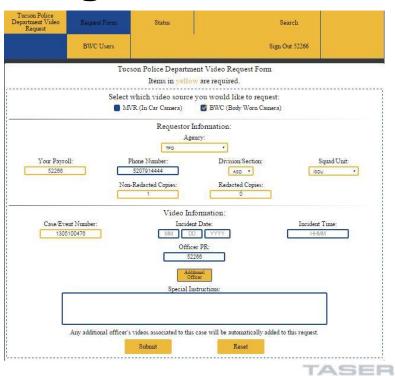




Evidence.com is web based and follows CJIS rules.

Video Request System Requesting Videos

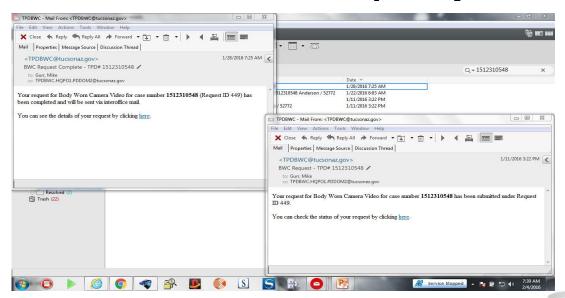
- Videos can be requested by using the webform
- The Video Request link is on the TPD wiki
- City Prosecutors will make their own requests



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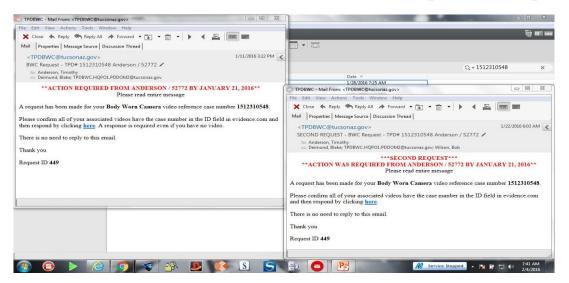
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Video Request System Automated Emails (Requestor)



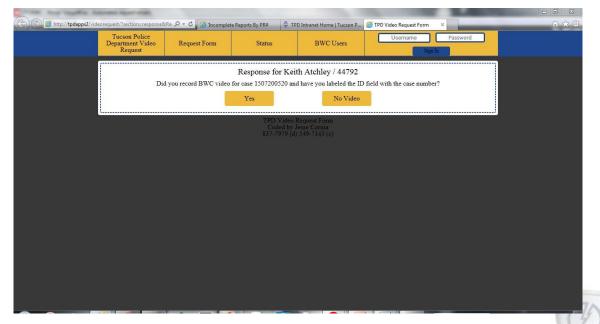
The requestor of a video will receive an email informing them of a successful request creation. The requestor will also receive an email when the request is completed.

Video Request System Automated Emails (User)



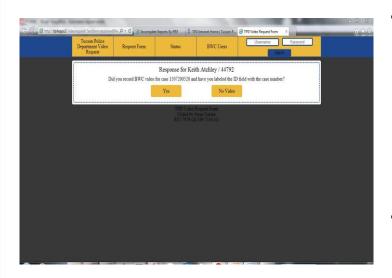
A camera user and their supervisor will receive a message when a user is named in a video request. If the request has not been handled after ten days, the message is resent and their Captain is also included.

Video Request System User Actions



When a user clicks the link in the email they are brought to the webform where they can indicate video status

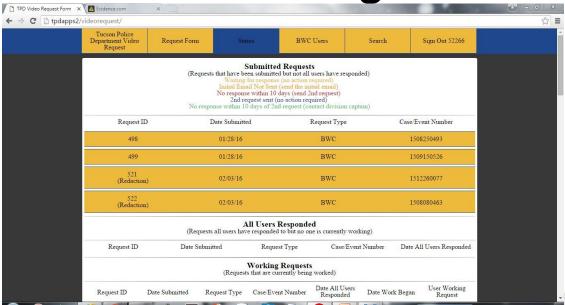
Video Request System User Actions



- If a camera user is off work for an extended period of time, the user's supervisor is responsible for handling the request
- The supervisor can access the systems the same way as the user

Video Request System
Status Page

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The video request system also has a status page that shows all active requests. All requests are archived and searchable via the search function

TRAINING ACADEMY

Reviewing Videos

- 1) Moto G Use the Moto G to watch a video before it is uploaded to evidence.com. Pros This is the quickest way because you can do it right after you stop recording in the field. Cons The sound might not be as good as some would like to hear what people are saying (use earbuds if available) and the frame rate is only 5-7fps. It requires a paired Moto G.
- 2) Taser SYNC Plug your camera into a laptop and play videos through the Taser SYNC software before they are uploaded to evidence.com.

Pros - No waiting for videos to upload, full 30fps frame rate, good audio through a laptop. Cons - You have to turn off your camera and plug it in via a SYNC cable into the laptop. Sync takes about 4 minutes to load when wireless is enabled (once the program is loaded there is no wait time for the videos).

- 3) Evidence.com via laptop in the field Use a laptop and watch videos after they are uploaded to evidence.com
- Pros Full 30fps frame rate, good audio through a laptop.

Cons - You have to wait for the video to be uploaded to evidence.com then you have to log into evidence.com and find the videos. Because this is web based and you are on a Verizon air card/MultIP you may experience issues with buffering of the videos or the servers may be down.

- 4) Evidence.com via a laptop with wireless disabled or a desktop in the station Use a laptop (wireless disabled) or desktop in a station with an ethernet cable plugged in after the videos are uploaded to evidence.com.
- Pros Full 30fps frame rate, good audio through a laptop/desktop, no buffering issues (minus whatever is created by our own city network).
- Cons You have to wait for the video to be uploaded to evidence.com then you have to log into evidence.com and find the videos. Because this is web based, the servers may be down.

Documenting a Body Worn Camera was used

A concern that has come up with both prosecutors and defense is how do we know if an officer has a body worn camera. To reduce issues with all parties (including ourselves) we send out the user list to the local prosecutors, who in turn provided it to defense. We continuously update and send the list as changes occur. This will help both TPD and the prosecutors with unnecessary requests. This still requires the user to document that they used their camera by bullet pointing in the very beginning or ending of their narrative **BODY WORN CAMERA USED**.

PCAO had contacted us and advised that there was a case where the officer who is assigned a camera wrote in his report that he had a camera and did not use it. The PCAO found this helpful because the defense would have called it into question based on the user list but this was mitigated by the officer documenting it up front. If you find yourself on a scene and realize you haven't activated your camera, do so as soon as possible. It is better to get less video than none at all.

Report Writing

For the most part your report writing shouldn't change. You do not need to review a video if you do not feel it is necessary. This is up to you based on your needs and abilities. When writing a report, always document your probable cause. It is not acceptable to just say "The arrestee admitted he committed a crime. See video for details"

The idea behind the video is to supplement your report writing. Remember that a detective, officer, or prosecutor will still need the appropriate information about the incident without reviewing your video. Some things may be more or less important based on what your camera can capture. If the only way the information is being documented is through your writing, you may need more details. This would be true when documenting a smell or a use of force when someone tenses up and attempts to pull away. These things cannot be captured by the camera. You as the user and report writer will need to decide what is important. If you feel an exact quote is important then you may wish to review the video. Do not contradict yourself in your report in relation to your video.

TASER

City Court Civil Hearings

BODY WORN CAMERA

Civil Court video viewing laptops

Instructions:

The power switch is the slider on the right (pull towards you).

Select the "TPD" profile. The password is "TPD" (upper case).

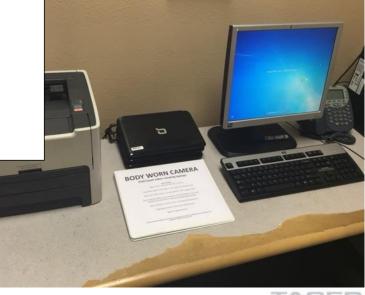
Open Internet Explorer by clicking the Internet Explorer Icon in the taskbar. It should open to http://tucsonpd.evidence.com.

Log in with your evidence.com username and password.

Plug laptop back in when done with hearing

Do not remove the laptops from City Court. Do not use for any other purpose than accessing evidence.com GroupWise TPDBWC with any issues.

These are to be used in Civil Hearings if the officer wants to present body worn camera video Netbooks with instructions are available in the City
Court liaison office



TASER

Troubleshooting

- Consult the User Manual when lights on the body worn camera system are abnormal
- Most issues are created by a disconnected or damaged cable Try using a spare cable
- If your camera is not deployable, notify your supervisor and send a detailed message to TPDBWC@tucsonaz.gov

Questions???

Email TPDBWC@tucsonaz.gov with any issues or questions



